

**SPRYD3 Antibody**  
**Catalog # ASC11348****Specification**

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**SPRYD3 Antibody - Product Information**

Application	WB, IHC, IF
Primary Accession	<a href="#">Q8NCJ5</a>
Other Accession	<a href="#">NP_116229</a> , <a href="#">14249554</a>
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Application Notes	SPRYD3 antibody can be used for detection of SPRYD3 by Western blot at 1 µg/mL. Antibody can also be used for immunohistochemistry starting at 5 µg/mL. For immunofluorescence start at 20 µg/mL.

**SPRYD3 Antibody - Additional Information**Gene ID **84926****Target/Specificity**

SPRYD3; SPRYD3 antibody is predicted to not cross-react with other SPRYD protein family members. At least two isoforms of SPRYD3 are known to exist.

**Reconstitution & Storage**

SPRYD3 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

**Precautions**

SPRYD3 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

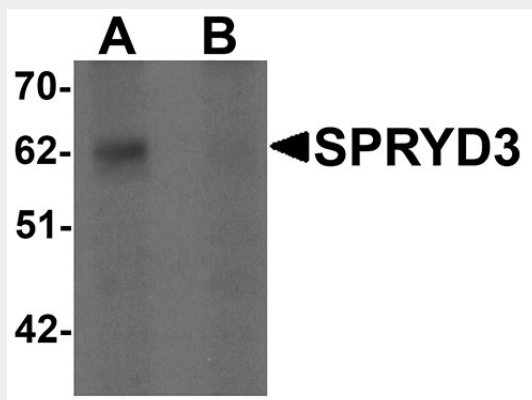
**SPRYD3 Antibody - Protein Information****Name** SPRYD3**SPRYD3 Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

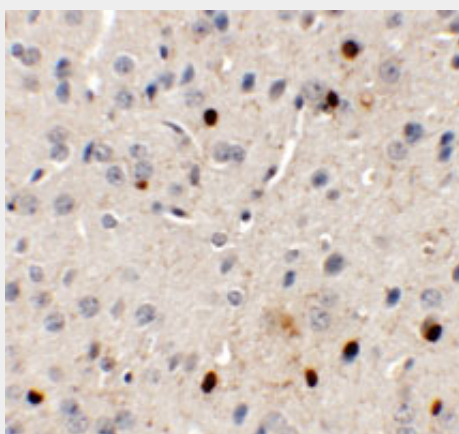
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)

- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

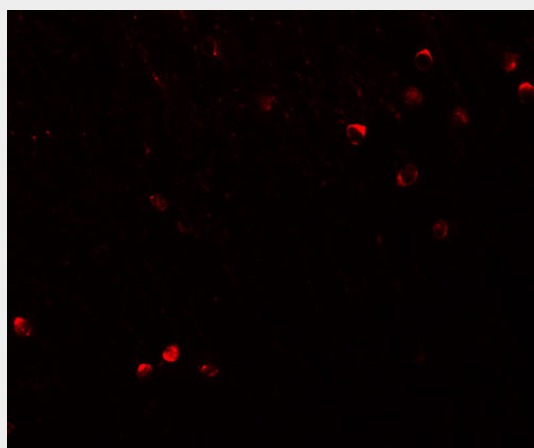
#### SPRYD3 Antibody - Images



Western blot analysis of SPRYD3 in human brain tissue lysate with SPRYD3 antibody at 1  $\mu\text{g/mL}$  in (A) the absence and (B) the presence of blocking peptide



Immunohistochemistry of SPRYD3 in mouse brain tissue with SPRYD3 antibody at 5  $\mu\text{g/mL}$ .



Immunofluorescence of SPRYD3 in mouse brain tissue with SPRYD3 antibody at 20  $\mu\text{g/mL}$ .

#### SPRYD3 Antibody - Background

**SPRYD3 Antibody:** The SPRY domain-containing protein 3 (SPRYD3) is a member of a family of proteins whose sole common characteristic is the presence of a SPRY domain. SPRY domains are structural domains that were first described in the fungal *Dictyostelium discoideum* tyrosine kinase spore lysis A. In most systems SPRY domains provide binding sites for regulatory proteins or intramolecular binding sites that maintain the structural integrity of a protein. Little is known of the function of the SPRYD3 protein.

#### **SPRYD3 Antibody - References**

Tae H, Casarotto MG, and Dulhunty AF. Ubiquitous SPRY domains and their role in the skeletal type ryanodine receptor. *Eur. Biophys. J.* 2009; 39:51-9.